2016

Journals

1. Apuravanand, Sandip Dutta, Prashant Kumar, Priyadarshaisuraj, "Automatic Car Tracing by License Plate Recognition and using GPS & Wireless Cellular Network" , International Journal of Advanced Research in Computer Science and Application, Volume 4, Issue 2 Feb 2016.
2. V.bhattacherjee , P.S. Bishnu (2016) , Software cost estimation based on modified K- Modes clustering Algorithm Natural Computing, ISSN: 1567-7818 (Print) 1572-9796 (Online)
3. S.S.Agrawal, Aruna Jain & Sweta Sinha (2016), "Analysis and Modeling of acoustic information for automatic dialect classification ", International Journal of Speech Technology. Springer Published Online:22 July 2016
4. Vaibhav Shukla; Aruna Jain (2016), "Design of AWG based Optical Switch for High Speed Optical Networks", Journal of Engineering Research(IJE) , Status: Accepted, Indexing: Scopus
5. Chandrashekhar Azad and Vijay Kumar Jha. (2016). Novel intrusion detection system based on the decision tree and the genetic algorithm. International Journal of Advances in Soft Computing and its Applications. ISSN 2074-8523. Indexed in SCOPUS [Under Review].
6. Sakshi Mehta, Basant Sah, Dr V K Jha. "A study on Modeling and Constraints of Visual Cryptography" International Journal of Innovations in Engineering and Technology (IJIET), Volume 7 Issue 1 June 2016, ISSN: 2319 – 1058
7. Shree Ranjan., Vijay Kumar Jha and Pralay Pal, (2016) 'Literature review on ERP implementation challenges', International Journal of Business Information Systems, Vol. 21, No. 3, pp.388–402. –Accepted and is planned in the forthcoming issue.(Scopus indexed)
8. Alpana, Subrajeet Mohapatra, Machine learning approach for automated coal characterization using scanned electron microscopic images, Computers in Industry, Elseiver, 75: 35–45, 2016.
9. I. Mukherjee, Jasni M Zain, P.K. Mahanti, "An Automated Real-Time System for Opinion Mining using a Hybrid Approach", I.J. Intelligent Systems and Applications, 7, 55-64, 2016.
10. Akriti Nigam, R.C Tripathi, "Trademark Image Retrieval using weighted combination of SIFT and HSV correlogram", International Journal of Computer Applications in Technology, Vol 54, No. 1, pp 61-67, 2016.
11. Dilip Kumar Choubey, Sanchita Paul, "Classification Techniques for Diagnosis of Diabetes Disease: A Review", International Journal of Biomedical Engineering and Technology (IJBET), Inderscience, Vol. 21, No.1., pp. 15 - 39, 2016.
12. A.Kumar,N.Kumar,P.Dilip Kumar & P.Paul," Security Analysis in Cloud Computing : A Review",Int. Journal of Research and Development, vol.1,issue.5,pp 37-43,July'2016,ISSN 2455-7838
13. V K Saxena and Shashank pushkar , Protecting Sensitive Knowledge with Effective Privacy Preservation ,International Journal of Applied Engineering Research Vol.11(6) (2016) pp.4049-4052.

14. Dipti Kumari and Kumar Rajnish, "Finding best Mining technique For development of
    Multinomial software fault prediction model", Accepted for publication in *International Journal of Multimedia Ubiquitous Engineering*", Index: Scopus*, 2015,* Vol.11, No.5, pp. 183-98, May 2016*,*
15. Kumar A. and Sarkar B.K. (2016): *A case study on Machine Learning and Classification.-* International Journal of Information and Decision Sciences (IJIDS, Scopus) (in Press)
16. Sarkar B.K. (2016): *A case study on partitioning data for classification.-* in International Journal of Information and Decision Sciences (IJIDS, Scopus)*,* 8(1):73- 91.

Conferences

1. Rhyme Upadhyaya, **Aruna Jain** (2016), "Cyber Ethics and Cyber Crime: A deep dwelved Study into Legality, ransomware, underground web and bitcoin wallet" IEEE International Conference on Computing, Communication & Automation(ICCCA-2016) , Xplore Digital Library Delhi, India, April 2016. Indexing: **Scopus**
2. Vaibhav Shukla, **Aruna Jain** (2016)." Performance of Fiber Delay Lines and AWG based Switch in Optical Network", ICETEESES-16, IEEE Sponsored International Conference KNIT Sultanpur.
3. Ashwin Khadatkar, Roshni Khedgaonkar,K.S.Patnaik, Occlusion Invariant Face Recognition System, 2016 World Conference on Futuristic Trends in Research and Innovation for Social Welfare (Startup Conclave),(978-1-4673-9939-5/16/$31.00 ©2016 IEEE),2016.

4. Pooja Jha, K Sridhar Patnaik ,"Program Code Understandability and Authenticating Code Predicting Systems: A Metric-Based Approach. Springer India 2016 D.K. Lobiyal et al. (eds.), Proceedings of the International Conference on Signal, Networks, Computing, and Systems, Lecture Notes in Electrical Engineering 396, DOI 10.1007/978-81-322-3589-7_10,Spinger2016.

5. M.Sajwan,, K Sridhar Patnaik ,"Quantifiable Image Nearness Approach using Descriptive Neighbourhood" Springer India 2016 D.K. Lobiyal et al. (eds.), Proceedings of the International Conference on Signal, Networks, Computing, and Systems, Lecture Notes in Electrical Engineering 396, DOI 10.1007/978-81-322-3589-7_10,Spinger2016.

6. Dheeraj Kumar Paras, Sudhanshu Nandan, Vikash Singh, Sujan Kumar Saha. 2016. An Automatic Domain Specific Speech Recognition System in Maithili. RegICON 2016. IIT BHU, India. December 16, 2016.

7. A Kumar, Amritanjali and Bharat Bhusan, Survey of Various Clustering Schemes in MANET, Proceedings of National Conference on Computational Intelligence, Communication Network and Smart Grid, pp.1-5, Feb 2016.
8. N F Shah, Amritanjali, S Gautam and D Gosain, EERA: Energy Efficient Routing Algorithm for WSN, Proceedings of India International Conference on Information Processing, pp. 1-4, Aug 2016.
9. P. Vijaya & Satish Chander, "Fuzzy Integrated Extended Nearest Neighbour Classification Algorithm for Web Page Retrieval", Proceeding of the International Conclave on Innovations in Engineering & Management, pp. 43-49, Waljat College of Applied Sciences, Feb 24-25, 2016

10. Shruti Garg**, A survey on NPR packing techniques, published in proceedings of** International Conference on Emerging Trends in Engineering and Technology, 23-24 July 2016 held at Pune.

11. Shruti Garg, **Comparison of crack filling filters of old digital paintings,** 3rd published in proceedings of International Conference on Microelectronics, Circuits and Systems(Micro 2016), pp. 199-201, 09-10 July 2016 held at Science City, Kolkata, West Bengal.

12. Shruti Garg, **Classification of Cracks in Old Digital Painting using Fuzzy Entropy Based Clustering,** published in proceedings of International Conference on Emerging Trends in Engineering and Technology, pp. 50-56, 26 June 2016 held at Lucknow.

13. Alpana and Subrajeet Mohapatra, A Textural Characterization of Coal SEM Images Using Functional Link Artificial Neural Network, International Conference on Computer Vision and Image Processing, CVIP-2016, IIT Roorke, India, February, 2016.

14. I. Mukherjee, Kirti Vardhan Rathore, "Twitter-based semantic approach to multi-class classification", International Conference on Sustainable Computing Techniques in Engineering, Science and Management(SCESM-2016), Noida, 2016.

15. Dilip Choubey, **Sanchita Paul,** "Classification of PIMA Indian Diabetes dataset using Naive base with GA as an attribute selection", International conference on communication and computing systems (ICCCS 2016) (**Taylor and Francis Series-CRC Press**), Sep 9-11, 2016, Droncharya College of Engineering, Gurgaon, pp. 451-455, ISBN 978-1-138-02952-1.

16. **Sanchita Paul,** Naela Rizvi, Prashant Pranav, Bibhav Raj, "Auction Model Using SJF Approach for SLA Based Resource Provisioning in Multi-Cloud Environment", International conference on communication and computing systems (ICCCS 2016) **(Taylor and Francis Series-CRC Press**), Sep 9-11, 2016, Droncharya College of Engineering, pp. 201-205, ISBN 978-1-138-02952-1.

17. Sweta Kumari, and Shashank Pushkar, "A Framework for Analogy-based Software Cost Estimation using Multi-objective Genetic Algorithm," Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering and Computer Science 2016, 19-21 October, 2016, **San Francisco, USA,** pp508-515(Best Paper Award received for the paper).(**Scopus Indexed**).

18. Gupta A. and Sarkar B.K. (2016): *Parallel algorithm for Lagrange's Interpolation on BSN-Mesh.-* International Conference on Intelligent Communication, Control and Devices (ICICCD-2016, April-2-3), University of Petroleum & Energy Studies, Derhadun, India (Springer Conference Ref. No.-45700)

19. Ghosh, S., Snigdh, I., & Singh, A. (2016, March). GA optimal sink placement for maximizing coverage in Wireless Sensor Networks. In *Wireless Communications, Signal Processing and Networking (WiSPNET), International Conference on* (pp. 737-741). IEEE.